Sheet 1 of 3

Form PTO-1449				Docket Number (Optional) 4211.6US (99-0218.06/US) Application Number To be assigned			
INFORM	INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Applicants Grigg t	al.		
				Filing Date June 26, 2003		Group Art Unit 1732	
		U.S.	PATENT	DOCUMENTS			
EXAMINER INITIAL	DOCUMENT	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LBT	814,592	03/1906		Duane			3
	3,835,564	09/1974		Gottschalk			
	4,246,307	01/1981		Trautwein			
	4,375,025	02/1983		Carlson			
	4,585,931	04/1986	D	uncan et al.			
	4,638,144	01/1987		Latta, Jr.			-
	4,707,722	11/1987		Folk et al.	-		
	4,719,502	01/1988		keya et al.	-		
	4,753,863	06/1988		Spanjer			
	4,861,620	08/1989	Α	zuma et al.			
Ψ	4,936,606	06/1990		Moss			
LBT	4,945,204	07/1990	Nakamura et al.				
11/2		FOREIG	N PATEN	IT DOCUMENTS			
	DOCUMENT NUMBER	DATE.		COUNTRY			Translation
				COUNTRY	CLASS	SUBCLASS	YES NO.
LBT	01244631 A	09/1989		Japan			
LBT	WO 98/21626 A1	05/1998		PET WIPO			
220, 20							100
		ОТ	HER DO	CUMENTS	(Including	Author, Title, Dali	, Pertinent Pages, Etc.)
<u> </u>		11.			:		· · · · · · ·
							:
7			100				
· · · · · · · · · · · · · · · · · · ·							1.19
EXAMINER LEO B	TENTON	c .		DATE CONSIDERED			
EXAMINER: Ini	itial if citation consider	ed, whether or no	ot citation is	in conformance with M	PEP 6 600	Draw line the	rough citation if

Sheet 2 of 3 10/60874C Form PTO-1449 Docket Number (Optional) 4211.6US (99-0218.06/US) To be assigned INFORMATION DISCLOSURE CITATION Applicants Grigg et al. IN AN APPLICATION Group Art Unit 1732 (Use several sheets if necessary) Filing Date Jun 26, 2003 To be assigned U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER FILING DATE DATE NAME SUBCLASS LBT 5,173,220 12/1992 Reiff et al. 5.264.061 11/1993 Juskey et al. 5,278,442 01/1994 Prinz et al. 5,329,090 07/1994 Woelki et al. 5,357,077 10/1994 Tsuruta 5,484,314 01/1996 Farnworth 5,562,993 10/1996 Hotta 5.691,023 11/1997 Keller 5,705,117 01/1998 O'Connor et al. 5,770,288 06/1998 Carney, Jr. 5.981.013 11/1999 Russ et al. LBT 5,985,510 11/1999 Akutsu et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY CLASS SUBCLASS NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER DATE CONSIDERED LEO B. TENTONI 06/07/2004

EXAMÍNER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 3 of 3 Application Number To be assign d Group an Unit 173 Q To be assigned SUBCLASS FILING DATE IF APPROPRIATE

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Form PTO-1449

(Use several sheets if necessary)

Applicants Grigg et al.

Filing Date
June 26, 2003

Docket Number (Optional) 4211.6US (99-0218.06/US)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBÇLASS	FILING DATE IF APPROPRIATE
LBT	6,153,034	11/2000	Lipsker		-	
	6,242,076 B1	06/2001	Andriash		1.1	
	6,270,712 B1	08/2001	Shoji et al.			
	6,278,193 B1	08/2001	Coico et al			
LBT	6,420,790 B1	07/2002	Koizumi et al.			
	.**					701
				- (
						14.7
				3.		
						*
		FOREIG	N PATENT DOCUMENTS		4 4 3	iii
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
	1 1 1	1 1 1 2			141	YES NO
	· · · · · · · · · · · · · · · · · · ·					
		0	HER DOCUMENTS	. (Including A	ulnor, Title, Date	, Pertinent Pages, Etc.)
		-1		:		
					·	
			3			
				i		
EXAMINER			DATE CONSIDERED			1
LEO B.	TENTON:	Ľ	06/07/200			
EXAMINER: Initia	al if citation consider	ed, whether or n	ot citation is in conformance with Mi of this form with next communicatio	DED & 600 f	Draw line thr	ough citation if

(2-92)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

N:\2269\4211.6\PTQ-1449.wpd

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Rediction PRADE INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 10/608,749 Application Number Filing Date June 26, 2003 First Named Inventor Grigg et. al. Group Art Unit 1732 Examiner Name Unknown TENTONI Attorney Docket Number 4211.6US (99-0218.06/US)

(use as many sheets as necessary) Sheet of 4

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
.BT		US- 6,251,488 B	06/26/01	Miller et al.	
		US- 6,259,962 B1	07/10/01	Gothait	
		US- 6,268,584 B1	07/31/01	Keicher et al.	
		US- 6,326,698 B1	12/04/01	Akram	
		US- 6,391,251 B	05/21/02	Keicher et al.	
		US- 6.432,752 B1	08/13/02	Famworth	
1	L	US- 6,482,576 B1	11/19/02	Famworth et al.	
		US- 6,514,798 BQ	02/04/03	Famworth	
		US- 6,524,346 B	02/25/03	Farnworth	
		US- 6,544,821 BQ	04/08/03	Akram	
	L	US- 6,544,902 B I	04/08/03	Farnworth	
		US- 6,549,821 B	04/15/03	Famworth et al.	
V	L	US- 6,562,278 B1	05/13/03	Farnworth et al.	
.BT		US- 6,593,171 BQ.	07/15/03	Farnworth	
		US-			

	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
				· · · · · · · · · · · · · · · · · · ·			
					 		
	<u> </u>						
			 		 		

Examiner Signature LEO B. TENTONI	Date Considered 06/07/2004
-----------------------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control mamber

Substitute for form 1449A/PTO Complete if Known Application Number 10/608,749 INFORMATION DISCLOSURE Filing Date June 26, 2003 STATEMENT BY APPLICANT First Named Inventor Grigg et. al. Group Art Unit 1732 (use as many sheets as necessary) Unknown- TENTONI Examiner Name 4211 6US (99-0218.06/US) Attorney Docket Number

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials •	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
LBT		U.S. Patent Application Publication No. 2002/0066966 A1 to Farnworth, dated June 6, 2002	
		U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002 ,	_
		U.S. Patent Application Publication No. 2002/01/71177 A1 to Kritchman et al., dated November 21, 2002,	_
		U.S. Patent Application Publication No. 2002/0182782 A1 to Farmworth, dated December 5, 2002,	
		U.S. Patent Application Publication No. 2003/0003180 At to Farmworth et al., dated January 2, 2003,	
		U.S. Patent Application Publication No. 2003/0003380 A1 to Farmworth et al., dated January 2, 2003 ,	
		U.S. Patent Application Publication No. 2003/0003405 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0043360 A1 to Farmworth et al., dated March 6, 2003 ,	
		U.S. Patent Application Publication No. 2003/0068584 A1 to Farmworth et al., dated April 10, 2003	_
—		U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003,	_
LBT		U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003	

Signature LEO B. TEN TONE Considered Confort Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known Application Number 10/608,749 INFORMATION DISCLOSURE Filing Date June 26, 2003 STATEMENT BY APPLICANT First Named Inventor Grigg et. al. Group Art Unit 1732 (use as many sheets as necessary) Examiner Name Unknown TENTONI of 4 Attomey Docket Number 4211.6115 (99-0218 06/115)

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
LBT		U.S. Patent Application Publication No. 2003/0093173 A1 to Farmworth et al., dated May 15, 2003,	
		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003	
		U.S. Patent Application Publication No. 2003/0129787 A1 to Farmworth, dated July 10, 2003 ,	
		U.S. Patent Application Publication No. 2003/0151167 Al to Kritchman et al., dated August 14, 2003 ,	
		U.S. Patent Application Publication No. 2003/0201531 A1 to Farmworth et al., dated October 30, 2003 a	
		U.S. Patent Application Publication No. 2003/0203158 A1 to Farmworth et al., dated October 30, 2003 a	
		U.S. Patent Application Publication No. 2003/0207213 A1 to Farmworth, dated November 6, 2003,	
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22,	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16,	
		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page (UNOATED).	_
LBT		Webpage, Objet Prototyping the Future, How it Works, 2 pages (UNDATED).	

Examiner LEO B.	TENTONI Da	ate onsidered 06/0	7/2004
-----------------	------------	-----------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known
INFORMATION DISCLOSURE	Application Number	10/608,749
	Filing Date	June 26, 2003
STATEMENT BY APPLICANT	First Named Inventor	Grigg et. al.
	Group Art Unit	1732
(use as many sheets as necessary)	Examiner Name	Unknown-TENTONI
Sheet A of A	Attorney Docket Number	4211 6US (99-0218 06/US)

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т,
LBT		U.S. Patem Application No. 09/589,841, filed June 8, 2000, entitled "Streobithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed", inventor Farnworth et al.	_
_		U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram 1	_
		U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth ,	_
		U.S. Patent Application No. 10/619,918, filed July 15, 2003, emitted "Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages", inventor Warren M. Farnworth,	
<		U.S. Patent Application No. 10/672,098, filed September 26, 2003, "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	_
LBT		U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled "Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom", inventor Farnworth et al.	_

Examiner Signature	LEO B. TENTONI	Date Considered	06/07/2004
		Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.